January 11, 1991 Issue 570

## DXpedition News

**Auckland & Campbell Islands - ZL9** Pete Hoover W6ZH will visit Campbell Island (OC-37) Jan. 12-13/ If he can get permission to operate from the island, he'll be on 20-meter CW with his QRP rig between 2100Z Jan. 12 to 0400Z Jan. 13, on 14000-010, and 14060 kHz, as **ZL9/W6ZH**. He'll also be on Auckland Island (OC-74) Feb. 2-4, at the same times and frequencies. QSL home call.

**Antarctic - KC4** Pete will operate from McGordo Sound on Antarctica Jan. 19-20, as **KC4/W6ZH**, and possibly as **ZL5/W6ZH**, from a New Zealand Antarctic base. Same frequencies and QSL route. (Between these operations, he be **W6ZH/MM3** from shipboard.)

**Ascension Island - ZD8** Jim Neiger N6TJ's **ZD8Z** operation has bee pushed back about a week. Look for Jim Jan. 15-25, especially on 6 and 160M (See Issue 568 for details.) QSL to W6CF

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

**South Cook Islands - ZK1** Joe Adams VE3CPU will operate from the Cook Islands as **ZK1XU** for one month, beginning Jan. 25. Mostly CW, but some SSB as well. He hopes to charter transportation to the North Cooks during his stay. 160-6 meters. QSL to Joe's home call. Sunrise 1630Z; sunset 0510Z.

**South Cook Islands - ZK1** Eli HA9RE and Miki HA8XX stop here after their Chatham Island ZL7 operation. From Chatham, they were worked on 7009 kHz at 0745Z and 12-2300Z, on 14190± kHz 0330-0430Z, and 1320-1430Z, and 28493 kHz at 22-0200Z. QSL their **ZK1X-** calls to DJ1ND. (Note that **ZLØAAD** is a re-issued call; QSL this latest operation of ZLØAAD/ZL7 to DJ1ND, and **not** to W6ZH.)

### Reserve Your Island

- Akito Nagi JA5DQH will operate as **HI16ØA** in the CQWW 160-meter CW contest Jan. 25-27. QSL to Akito at Box 1163, Santo Domingo, Dominican Republic, WI.
- David Farnsworth WJ2O will operate as **C6A/WJ2O** from Paradise Island (NA-01) in the Bahamas Feb. 12-22, including the ARRL CW DX test Feb. 16-17. He'll be on 10-80 meters, including the new bands, outside the test, mostly CW. QSL home call.
- **EI4VIJ** is the call of Don Walmsley G3HZL in the ARRL CW DX test. Don will be in Ireland throughout February, and will be active on the new bands during the weeks, and contests on weekends. QSL home call.

### Shortly Noted

- **YAØRR** has not shown up on the bands as of Jan. 8. No word on what the hold-up might be. Continue to watch the frequencies given last Issue. **YA8RR** has been worked on 28020 kHz by some Europeans, but probably isn't Romeo.
- **8J1RL** and **8J1RM** are the callsigns of the two Japanese Antarctic bases. 11 of the 55-member research team spending the next two years at these bases are amateurs. They expect to be especially active on 40-15 meters, 0930-1030Z. (Thanks JARL News.)
- **ZB2ID** cards have been turned down by the DXCC desk as unacceptable because it was a shipboard operation.
- **A US-Mexico** reciprocal licensing agreement, many years in the planning stages, may finally be a reality, according to XE2FL. Fernando says the agreement may come out next month.
- **6-Meters News** (From the 50 MHz DX Bulletin, 1606 S. Newkirk St., Philadelphia PA 19145.) **XQØX** on San Felix will have 6-meter gear available soon. QSL to CE3ESS. **ZC4/GØJHC** will operate from grid KM64 Feb. 9-16; QSL to Neil Carr GØJHC, 43 Moorhey Drive, Penwortham, Preston, Lancs PR1 0SS, England. **VK9YQS** is on Lord Howe Island through February. And JA9AG will be active as **V85AG** (or **V85/JA9AG**) Feb. 8-10, with a beacon on 50110 kHz.
- **SSB Net** Check-ins: **14160 kHz**: 5R8JD Y88POL FT4WC; **14222** 4S7EF VK6RU VP8CEO; **14227**: TF1MM VQ9CQ C53GH 3X1AU; **14256**: OX3EW; **21335**: ZD8DX PYØFF T77V VQ9HW OY9JD JWØGB 5T5/N5JRC VP8CEX ZD8X ZD9CO S79KMB.
- **Islands On The Air**: Berhard Stepan DL2GAC is off on another five-month, multi-nation IOTA tour. He starts in India (**VU2BMS**) and then Singapore, followed by short trips to **YB5NOC**, **9M2QR** and **9M8QR**, to the end of Feb. Then some Philippine islands while awaiting transportation to Nauru C2, before spending 8-10 weeks in the Solomon Islands as **H44MS**. Because of his limited power supply, he will enforce a strict, one-QSO per island policy. Please wait until his return to Germany in June before QSLing all QSOs in one envelope.
- **RTTY** report: **VP2EE** is making good use of his new RTTY gear, and can often be found on 14082 kHz after 0250Z; QSL KA3DBN. Some active stations: **7Z1AB** 14074 ARQ 0800Z; **A92ET** 14065 FEC 2010Z; **V85GA** 21076 0340Z; **ZB2JB** 21088 2020Z; **3B9FR** 14091 1900Z; **9M2FO** 14085 0450Z; **V51P** 21084 2000Z.

## Propagation

### Forecast and Historical Data

| Day | Forecast | 27 Days Before | | | 55 Days Before | | | |
|---|---|---|---|---|---|---|---|---|
| January 1991 | | Date | Flux | A K | Date | Flux | A | K |
| 11 | Above Normal | 12/15 | 198 | 04/05 1 | 11/17 | 223 | 16/16 | 3 |
| 12 | High Normal | 12/16 | 191 | 07/10 2 | 11/18 | 203 | 12/16 | 3 |
| 13 | Above Normal | 12/17 | 200 | 05/05 2 | 11/19 | 196 | 08/09 | 2 |
| 14 | Above Normal | 12/18 | 208 | 04/05 1 | 11/20 | 190 | 06/06 | 1 |
| 15 | Above Normal | 12/19 | 198 | 02/04 1 | 11/21 | 182 | 09/08 | 1 |
| 16 | High Normal | 12/20 | 186 | 07/08 3 | 11/22 | 181 | 01/04 | 2 |
| 17 | Above Normal | 12/21 | 192 | 04/04 2 | 11/23 | 176 | 03/05 | 0 |
| 18 | Above Normal | 12/22 | 184 | 04/04 1 | 11/24 | 171 | 01/05 | 0 |
| 19 | Above Normal | 12/23 | 191 | 07/05 2 | 11/25 | 167 | 04/05 | 1 |
| 20 | High Normal | 12/24 | 189 | 10/12 2 | 11/26 | 157 | 08/09 | 1 |
| 21 | High Normal | 12/25 | 190 | 11/10 2 | 11/27 | 157 | 29/33 | 4 |
| 22 | Above Normal | 12/26 | 192 | 03/04 1 | 11/28 | 170 | 14/15 | 4 |
| 23 | Above Normal | 12/27 | 197 | 05/06 1 | 11/29 | 165 | 03/05 | 2 |
| 24 | Above Normal | 12/28 | 193 | 03/04 1 | 11/30 | 165 | 07/08 | 2 |

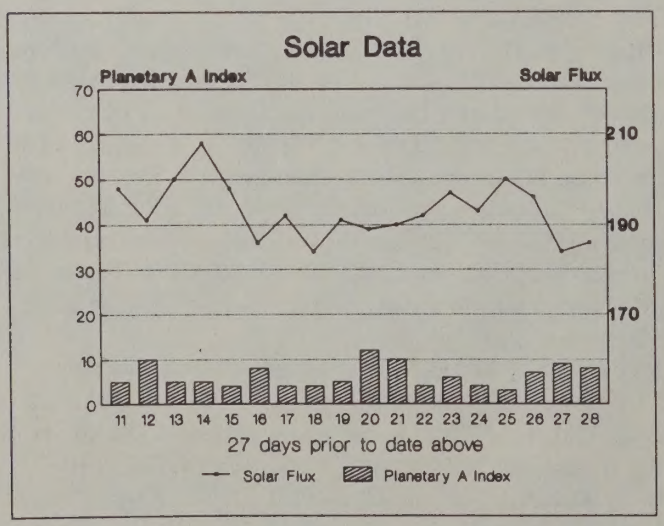
### Propagation Watch

The as the above forecast says, we look forward to continuing good-to-excellent band conditions for DXing over the next two weeks.

The solar flux didn't raise to the 250 range in early January, but neither did it drop to the 150 range when the 'quiet' side of the sun was in our direction. The flux hovered around 190 for the past three weeks. This temporary 'leveling' of solar activity has happened before in Cycle 22; look for the return of the up-and-down 27.5-day pattern of solar activity to resume later this month, or next month. The flux remains high enough to open the higher bands within a hour or local sunrise, although only 20 meters stays open much after local sunset.

Meanwhile, the extremely quiet geomagnetic field has given DXers excellent openings on the lower bands, and on polar paths, and long paths that pass through high latitudes. The long nights in the northern hemisphere at this time of the year allow most ions in the ionosphere to recombine, lowering the maximum useable frequency (MUF). but also reducing absorption, and improving signal-to-noise ratios on the low bands.

Two active Sunspot Regions, #6412 and 6415, are due back to our side of the sun, and they may produce some flares that temporarily disrupt the bands. Check WWV or WWVH for the latest word.




## Notes from All Over

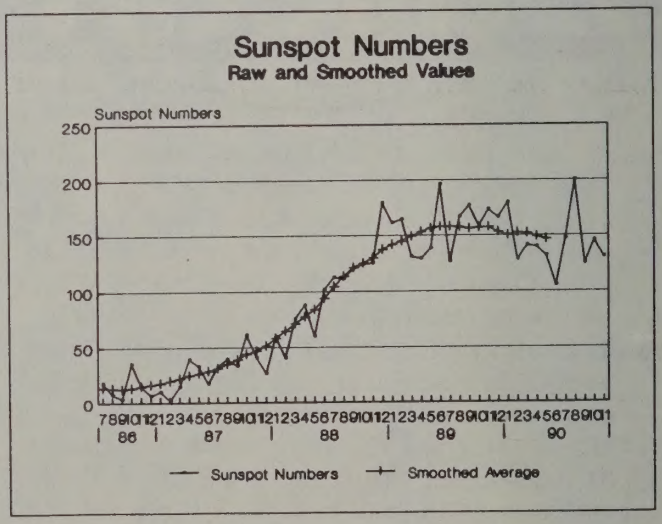
▪ Only two *The DX Bulletin* readers have reported their efforts toward CW WAZ, since the effective date of QSOs for the award: Jan. 1, 1991. Both are in the "WAAZ," or Worked Almost All Zones category. Bob Farkaly K9RHY worked 25 zones on Jan. 1, and 14 more in the next five days, mostly on 20 meters. His lone holdout: Zone 34, always a tough one on CW. However, Jerry Rosalius WB9Z reports that he worked 39 zones in the first 30 hours of 1991, but missed Zone 39. As of this writing, the trophy for the first *The DX Bulletin* reader to work all 40 CQ zones on CW in 1991 is still up for grabs.

▪ John Sklepkowycz VE3IPR, editor of *Long Skip*, reports that Canadian amateurs may use the following special prefixes during the months of March and April 1991, to celebrate the 100th anniversary of Ukrainian settlement in Canada:

| Location | Regular Prefix | Special Prefix |
|---|---|---|
| Newfoundland | VO1 | VO7 |
| Labrador | VO2 | VO8 |
| Yukon | VY1 | VC1 |
| Prince Edward Island | VY2 | VC2 |
| Nova Scotia/New Brunswick | VE1 | VA1 |
| Quebec | VE2 | VA2 |
| Ontario | VE3 | VA3 |
| Manitoba | VE4 | VA4 |
| Saskatchewan | VE5 | VA5 |
| Alberta | VE6 | VA6 |
| British Columbia | VE7 | VA7 |
| Northwest Territories | VE8 | VA8 |
| DOC Communications | VY9 | VC9 |

In addition, the special-event station **VA1ØØU** will be active on 80-10 meters. QSL VA1ØØA direct, with sufficient return postage (US stamps are **not** valid in Canada) to VE3IPR, 300 Deloraine Ave., Toronto, Ontario, Canada M5M 2B3, or via the VE3 bureau.

### Progress of Sunspot Cycle 22



# B • A • N • D • P • A • S • S

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
*All "portable" calls listed with country of operation first, regardless of format used on the air.*

## RTTY

| | | | | |
|---|---|---|---|---|
| 8R1RPN | 21086 | 1830 | 30 | PA |
| HV3SJ | 21080 | 1600 | 25 | OH |
| JX7DFA | 14086 | 0424 | 31 | PA |
| TF/KEØYG | 28098 | 1730 | 30 | PA |
| VP2EE | 14082 | 0313 | 4 | PA |
| VP8BFH | 21086 | 0145 | 31 | FL |
| ZB2JB | 21090 | 2020 | 29 | PA |

## 160 Meters

| | | | | |
|---|---|---|---|---|
| HH7PV | 1840 | 0132 | 24 | NJ |
| PY1RO | 1834 | 0232 | 27 | NH |
| VK7GK | 1925 | 2050 | 27 | NH |

## 80 Meters

| | | | | |
|---|---|---|---|---|
| 3C1EA | 3501 | 2213 | 30 | MA |
| 9M2AX * | 3502 | 2222 | 27 | MA |
| A41JZ | 3501 | 0152 | 3 | FL |
| FM5BH | 3507 | 0141 | 9 | NC |
| HI8A | 3505 | 0445 | 29 | SC |
| LY2WW | 3510 | 0448 | 26 | NC |
| OX3FV | 3508 | 1141 | 17 | PA |
| OY1CT | 3502 | 0320 | 21 | NJ |
| OY7ML | 3502 | 0736 | 4 | IL |
| TA2KT | 3504 | 0427 | 11 | NC |
| UAØFM | 3503 | 1125 | 30 | NH |
| UAØFR | 3502 | 1400 | 30 | ID |
| UA9MEA * | 3508 | 1205 | 27 | MA |
| UC1AWK | 3517 | 0439 | 26 | NC |
| UF6QAU | 3516 | 0248 | 3 | FL |
| UG6GAW | 3501 | 0404 | 25 | NY |
| UG6GAW | 3513 | 2140 | 29 | MA |
| UH8EA | 3501 | 0200 | 3 | FL |
| UL7LEB | 3503 | 0253 | 29 | MA |
| VK6HD | 3502 | 2115 | 28 | NH |
| ZLØAAD/7 | 3505 | 1155 | 25 | NH |
| ZS5BK | 3504 | 0220 | 26 | NY |

## 75 Meters

| | | | | |
|---|---|---|---|---|
| 9X5NH | 3799 | 2141 | 27 | MA |
| HV3SJ | 3799 | 0551 | 30 | WS |
| OY9JD | 3790 | 0416 | 30 | MD |
| OY9JD | 3788 | 1505 | 29 | ID |
| OY9JD | 3799 | 2146 | 28 | MD |
| OZ8BV | 3788 | 1500 | 29 | ID |
| TA1AR | 3799 | 0327 | 3 | IL |
| V51E | 3798 | 0434 | 3 | IL |
| VQ9CQ | 3793 | 2135 | 28 | MA |

## 40 Meters

| | | | | |
|---|---|---|---|---|
| 3D2AG | 7011 | 1043 | 23 | VA |
| 3DAØBK | 7006 | 0314 | 2 | MN |
| 4K2OIL | 7004 | 0219 | 31 | FL |
| 6W1QB | 7001 | 2220 | 28 | TX |
| BV2TA | 7002 | 1213 | 22 | MD |
| EA6NB | 7014 | 0545 | 12 | NC |
| JX7DFA | 7005 | 1150 | 19 | NJ |
| RD7ØDC * | 7004 | 1543 | 30 | ID |
| UH8EA | 7005 | 2224 | 26 | NH |
| UJ8JI * | 7004 | 1244 | 30 | MA |
| V73AS | 7006 | 1328 | 1 | TX |
| ZLØAAD/7 | 7009 | 0747 | 30 | TX |
| ZS9S | 7002 | 0445 | 23 | NC |

## 30 Meters

| | | | | |
|---|---|---|---|---|
| 3B8CF | 10106 | 0201 | 24 | TX |
| 4K1A | 10102 | 2248 | 3 | FL |
| 4K2OIL | 10102 | 2110 | 31 | FL |
| 9M2AX | 10104 | 2200 | 29 | PA |
| A22GH | 10102 | 2140 | 30 | FL |
| C6AFO | 10104 | 0345 | 30 | PA |
| EA6ZY | 10104 | 2050 | 29 | PA |
| UAØKZ | 10104 | 0104 | 29 | VA |
| UG6GAW | 10102 | 0444 | 23 | SC |
| YO3AC | 10102 | 0505 | 30 | PA |

## 20 Meter CW

| | | | | |
|---|---|---|---|---|
| 3B8FK | 14026 | 0229 | 29 | NY |
| 3C1EA | 14019 | 0640 | 27 | PA |
| 4K1A | 14002 | 0320 | 27 | NC |
| 4K2OIL | 14010 | 1907 | 30 | SC |
| 4S7CF | 14004 | 0047 | 29 | CA |
| 4S7CF | 14007 | 1221 | 15 | VA |
| 4S7CP | 14004 | 0125 | 31 | PA |
| 4S7EA | 14010 | 0107 | 28 | CA |
| 4S7GF | 14005 | 0100 | 29 | CA |
| 4S7WP | 14008 | 0042 | 31 | PA |
| 5NØSKO | 14022 | 2304 | 24 | VA |
| 7Q7LA | 14009 | 0430 | 24 | NC |
| 7Q7RM | 14028 | 1921 | 26 | MN |
| 9M2AX | 14027 | 0008 | 3 | MN |
| 9M2FK | 14026 | 0042 | 5 | FL |
| 9V1JY | 14026 | 0005 | 23 | MI |
| 9V1JY | 14005 | 1023 | 19 | NH |
| A22GH | 14008 | 2340 | 4 | GA |
| BV2B | 14018 | 0150 | 30 | PA |
| CEØFFD | 14010 | 0355 | 28 | GA |
| CEØZIG | 14025 | 0246 | 27 | GA |
| FK8FS | 14005 | 2021 | 22 | NH |
| FR5DD | 14020 | 0331 | 30 | CO |
| HFØPOL | 14005 | 0223 | 22 | CA |
| HKØBKX | 14020 | 0123 | 22 | CA |
| JT1CD | 14016 | 0203 | 30 | PA |
| JT1CK | 14004 | 0234 | 24 | MI |
| JT1CS | 14030 | 0204 | 2 | FL |
| JT8AA | 14029 | 0154 | 22 | GA |
| JX7DFA | 14026 | 0055 | 26 | ID |
| OD5LX | 14010 | 0305 | 5 | IL |
| OX3FV | 14007 | 0236 | 24 | NC |
| P29DK | 14006 | 1321 | 26 | GA |
| PZ1DY | 14034 | 0420 | 25 | UT |
| TU2MA | 14027 | 2304 | 29 | SC |
| UC2IO | 14005 | 0440 | 10 | NC |
| UH9BWD | 14009 | 1244 | 27 | VA |
| UH9YWA | 14018 | 2350 | 24 | NC |
| UJ8JMM | 14015 | 0310 | 5 | FL |
| UL7GDX | 14028 | 0243 | 31 | CO |
| UM8QA | 14018 | 0308 | 31 | CO |
| UM8QDX | 14012 | 0220 | 24 | GA |
| VU2IOC | 14015 | 1327 | 26 | GA |
| VU2LX | 14004 | 1311 | 27 | NC |
| VU2LX * | 14029 | 0140 | 27 | CA |
| VU2PC | 14009 | 0208 | 20 | MI |
| VU2TE | 14032 | 0129 | 22 | GA |
| VU2TS | 14005 | 0140 | 29 | CA |
| Y9ØANT | 14012 | 0002 | 2 | MN |
| Z21CA | 14033 | 0400 | 29 | SC |
| ZD8CUE | 14005 | 2325 | 22 | MI |
| ZD8LII | 14024 | 2046 | 22 | GA |
| ZS7ANT | 14029 | 2323 | 2 | FL |

## 20 Meter SSB

| | | | | |
|---|---|---|---|---|
| 3B8CF | 14275 | 0330 | 24 | IL |
| 3B8FR | 14227 | 2107 | 31 | MN |
| 3X1AU | 14163 | 2303 | 29 | MD |
| 4K2PGO | 14192 | 0004 | 27 | CA |
| 4S7EF | 14222 | 0110 | 28 | CA |
| 4S7NB | 14210 | 0105 | 31 | CA |
| 5R8JD | 14162 | 2132 | 28 | MD |
| 6W1QB | 14190 | 2305 | 24 | PA |
| 6W1QC | 14175 | 0228 | 30 | NJ |
| 9L1US | 14218 | 0019 | 30 | CA |
| 9L3GB | 14160 | 2335 | 28 | CA |
| 9Q5TE | 14187 | 0531 | 18 | MA |
| 9V1XQ | 14178 | 2321 | 25 | PA |
| A61AD | 14186 | 1700 | 9 | NC |
| A71AL | 14213 | 1526 | 30 | CA |
| A71AM | 14225 | 1721 | 21 | MD |
| A71BK | 14203 | 1501 | 31 | CA |
| AP2ZR | 14160 | 0249 | 26 | MT |
| AP5HQ | 14160 | 0243 | 29 | CA |
| BY1QH | 14223 | 0234 | 24 | MD |
| C53GH | 14233 | 2157 | 29 | MD |
| CN8NS | 14195 | 0111 | 28 | MD |
| FTØWC | 14165 | 2125 | 28 | MD |
| JT1BG | 14194 | 0124 | 28 | MD |
| JT1CS | 14226 | 0221 | 24 | MD |
| TF1MM | 14224 | 0048 | 25 | NH |
| UH8EA | 14168 | 0324 | 26 | CO |
| V85GA | 14212 | 2301 | 28 | MN |
| VP8CEL | 14203 | 0123 | 28 | CA |
| VP8CEO | 14223 | 0251 | 28 | MD |
| VU2DK | 14196 | 1523 | 24 | NH |
| XQØX | 14236 | 0144 | 28 | NC |
| XQØX | 14160 | 0251 | 22 | MD |
| ZLØAAD/7 | 14237 | 0333 | 25 | CA |
| ZLØADN/7 | 14150 | 1137 | 24 | NJ |
| ZLØADN/7 | 14227 | 1321 | 28 | NY |

## 17 Meter CW

| | | | | |
|---|---|---|---|---|
| 4K2OIL | 18072 | 1543 | 23 | VA |
| 4K2OIL | 18072 | 2133 | 29 | PA |
| 8R1J | 18074 | 2118 | 30 | FL |
| 9M2AX | 18071 | 0013 | 29 | AL |
| A22AA | 18079 | 2218 | 5 | FL |
| EA9KD | 18070 | 2115 | 5 | FL |

## 15 Meter CW

| | | | | |
|---|---|---|---|---|
| 3B8FQ | 21008 | 1925 | 22 | NH |
| 3B9FR | 21018 | 1857 | 27 | SC |
| 6W6JX | 21021 | 2146 | 29 | MN |
| 9N1HMB | 21026 | 0203 | 28 | CA |
| BV2TA | 21007 | 0008 | 30 | PA |
| BZ1OK | 21024 | 0132 | 31 | FL |
| BZ4RC | 21021 | 0043 | 31 | CA |
| BZ4WAB | 21016 | 0039 | 29 | PA |
| CEØFFD | 21015 | 1843 | 26 | SC |
| EA9EO | 21019 | 1818 | 24 | CA |
| HKØBKX | 21010 | 2305 | 28 | SC |
| OX3XR | 21030 | 1935 | 23 | GA |
| OY1CT | 21018 | 1704 | 26 | MT |
| PZ1DT | 21020 | 0026 | 24 | TX |
| UC1AWQ | 21035 | 1410 | 21 | TX |
| UG6GAW | 21012 | 1220 | 16 | VA |
| V73AS | 21025 | 2345 | 2 | CA |
| VK9NL | 21029 | 0129 | 26 | CO |
| VS6MV | 21011 | 0015 | 4 | GA |
| ZD8LII | 21021 | 1809 | 1 | MN |

## 15 Meter SSB

| | | | | |
|---|---|---|---|---|
| 5Z4BI | 21230 | 1930 | 22 | GA |
| 7P8EB | 21335 | 1820 | 30 | WA |
| 7X2DG | 21317 | 1820 | 1 | MN |
| 9Q5AA | 21271 | 2030 | 22 | GA |
| HFØPOL | 21401 | 0211 | 21 | PA |
| TU2JL | 21250 | 1948 | 22 | GA |
| V51MA | 21247 | 2010 | 22 | GA |
| VP8CEX | 21220 | 2230 | 23 | GA |
| VU2YJY | 21294 | 1309 | 26 | MD |
| ZD7VC | 21287 | 2053 | 30 | CA |

## 12 Meters

| | | | | |
|---|---|---|---|---|
| 6W6JX | 24902 | 1359 | 27 | AL |
| A22GH | 24904 | 1500 | 30 | FL |
| A92BE | 24930 | 1428 | 31 | IL |
| AP2JZB | 24940 | 1412 | 27 | VA |
| VP2EXX | 24893 | 1699 | 20 | NH |

## 10 Meter CW

| | | | | |
|---|---|---|---|---|
| 5V7AK | 28030 | 1511 | 25 | MN |
| 7Q7LA | 28005 | 1434 | 30 | MN |
| 7Q7RM | 28007 | 2038 | 22 | GA |
| BV2A | 28032 | 0030 | 31 | CA |
| BV2DA | 28010 | 2340 | 25 | TX |
| CEØFFD | 28011 | 1829 | 23 | NH |
| FH5EJ | 28025 | 1532 | 27 | CO |
| KG4DD | 28026 | 1506 | 1 | FL |
| OX3XR | 28020 | 1605 | 26 | TX |
| T32Z | 28014 | 1830 | 23 | NH |
| UG6JJ | 28017 | 1440 | 30 | WS |
| Z23JO | 28018 | 1428 | 31 | MN |
| ZD8LII | 28032 | 1800 | 22 | GA |

## 10 Meter SSB

| | | | | |
|---|---|---|---|---|
| 3DAØAY | 28480 | 1356 | 31 | MN |
| 3DAØBK | 28492 | 1900 | 23 | NC |
| 5H3OH | 28555 | 1225 | 30 | NJ |
| 5R8JD | 28510 | 1500 | 29 | NJ |
| 7X2DG | 28461 | 1353 | 31 | MN |
| 7X2VYZ | 28450 | 1248 | 31 | NJ |
| 9J2FR | 28535 | 1635 | 23 | NC |
| 9L1US | 28466 | 1655 | 30 | WA |
| A22AA | 28466 | 1940 | 5 | NJ |
| A22BF | 28502 | 1315 | 29 | NJ |
| A47RS | 28505 | 1305 | 5 | NJ |
| A61AD | 28550 | 1320 | 5 | NJ |
| A71AL | 28496 | 1240 | 5 | NJ |
| A71CD | 28650 | 1351 | 26 | MD |
| A92FL | 28544 | 1343 | 21 | NC |
| CN8GG | 28492 | 1230 | 6 | NJ |
| D68JM | 28501 | 1413 | 30 | MD |
| EA9IB | 28476 | 1705 | 29 | CA |
| FH4EH | 28510 | 1451 | 28 | MD |
| FR5DX | 28529 | 1353 | 27 | GA |
| FR5ZN | 28515 | 1345 | 5 | NJ |
| HKØTCN | 28502 | 1636 | 25 | GA |
| JX7DFA | 28515 | 1530 | 30 | NJ |
| JY5FA | 28503 | 1340 | 5 | NJ |
| KG4DD | 28495 | 1430 | 27 | GA |
| KH4AE | 28465 | 2144 | 30 | NH |
| OD5QX | 28478 | 1422 | 27 | GA |
| OX3KM | 28446 | 1812 | 27 | GA |
| TA3PB | 28530 | 1255 | 31 | NJ |
| TA5L | 28660 | 1225 | 6 | NJ |
| TR8CA | 28496 | 1335 | 31 | NJ |
| UH8ABD | 28628 | 1325 | 31 | NJ |
| V73BY | 28395 | 2046 | 30 | MD |
| VK9NS | 28465 | 0050 | 31 | CA |
| VR6BX | 28460 | 1520 | 26 | CO |
| VU2DNU | 28572 | 1441 | 30 | MD |
| XQØX | 28500 | 1603 | 1 | CA |
| Z21BA | 28651 | 1950 | 5 | NJ |
| Z21GZ | 28510 | 1408 | 1 | MN |
| ZD7DP | 28464 | 1731 | 26 | MD |
| ZD8DX | 28453 | 1245 | 1 | NJ |
| ZLØAAD/7 | 28462 | 2355 | 26 | TX |
| ZLØADN/7 | 28493 | 2215 | 29 | MD |

The DX Bulletin

P.O. Box 50
Fulton, CA 95439
U.S.A.

FIRST CLASS MAIL

First Class
U.S. Postage Paid
Santa Rosa, CA
Permit No. 550

91/10

Copyright The DX Bulletin. The DX Bulletin (ISSN 0279-8077) is published 50 times per year at P.O. Box 50, Fulton CA 95439 USA. Telephone (707) 523-1001; Fax: (707) 523-1001. Compu-Serve 75755,737. One-year subscription rates are $32 Second Class Mail, $42 First Class Mail (including Canada and Mexico) and US$55 Foreign Airmail. Second Class postage paid at Santa Rosa CA.
POSTMASTER: Send address changes to above address.

Issue 570 - January 11, 1991

## Current and Future DXpeditions

(Changes and hot info in **boldface**.)

| DXCC Country | Prefix | Callsign | Dates | Issue |
|---|---|---|---|---|
| **Afghanistan** | **YA** | **YAØRR** | **Now-Jan. 20** | **I569** |
| **Anguilla** | **VP2E** | **VP2EY** | **to Jan. 12 CW** | **I566** |
| **Antarctica** | **KC4** | **KC4/W6ZH** | **Jan. 19-20** | **I570** |
| Ascension | ZD8 | **ZD8Z** | **Jan. 15-25** | **I570** |
| | | **ZD8VJ** | **Jan. 14-June** | **I568** |
| **Auckland Is.** | **ZL9** | **ZL9/W6ZH** | **Jan. 12-13, Feb. 2-4** | |
| **British Virgin I** | **VP2V** | **VP2V/W2GUP** | **Jan. 18-Mar. 6** | **I568** |
| **Cayman Is.** | **ZF** | **ZF2NJ** | **Jan. 19-Feb. 2 CW** | **I567** |
| **Eastern Malaysia** | **9M** | **9M8AX, BZ** | **Jan. 25-27** | **I568** |
| **Fiji** | **3D** | **3D2QB** | **Now-May 1** | **I569** |
| **Grenada** | **J3** | **J37XC** | **Now-Mar. 31** | **I565** |
| Malyj Vysotskij | 4J | | in early 1991 | I567 |
| Navassa | KP1 | W5IJU/KP1 | late March | I567 |
| Niue | ZK2 | ZK2XA/XB | in Jan. | I566 |
| **San Felix** | **CEØ** | **XQØX** | **Now SSB only** | **I563** |
| **South Cooks** | **ZK1** | HA8XX, HA9RE | **Now-Jan. 31** | **I566** |
| | | **ZK1XU** | **Jan. 25-Feb. 25** | **I570** |
| **US Virgin Islands** | **KP2** | **NL7GP/NP2** | **Now-Jan. 15** | **I568** |

### Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, 50 MHz DX Bulletin, AA5NK, AA6WJ, AB8K, AK1E, DL2GAC, G3WQO, JA5DQH, JARL News, K0CVD, K1HDO, K1JKS, K2OLG, K2QZ, K2UO, K3IA, K4BAI, K4GLU, K4II, K4IQJ, K4LNA, K6IR, K6LEB, K7ABV, K7EFB, K7UOT, KA1BSZ, KA3UVU, KA7T, KB1NS, KG4O, KI6YB, KT7H, N4MM, N6JQL, N6WQH, N9CIC, NK9Y, NX1G, NY5L, NZ2Q, VE3CPU, W0JRN, W1BFT, W1FV, W1NH, W2VT, W4VQ, W6CF, W6UQF, W6WKE, W6ZH, W7ZRC, W8CT, W9DH, W9RN, WA2VKS, WA9AQE, WB5MTV, WB9Z, WD9GGY, WJ2O, WN6J, and XE2FL. Many Thanks.

## Resident Amateurs on Regularly

| DXCC Country | Callsign | Freq. | UTC |
|---|---|---|---|
| ▪ **Algeria** | 7X2DG | 10M SSB | 1400Z |
| ▪ **Ascension Island** | ZD8LII | 15M CW | 1800Z |
| ▪ **Botswana** | A22AA | 28455± | 13-2000Z |
| ▪ **Faroes** | OY9JD | 3790± | often |
| ▪ **Fiji** | 3D2AG | 7010 | 1045Z |
| ▪ **Franz Josef Land** | 4K2OIL | 7003 | 0300Z |
| ▪ **Franz Josef Land** | 4K2OIL | 18072 | 2130Z |
| ▪ **Greenland** | OX3XR | 28020 | 1600Z |
| ▪ **Malaysia** | 9M2FK | 14027 | 0015Z |
| ▪ **Malaysia** | 9M2AX | 10105 | 2200Z |
| ▪ **Mauritius** | 3B8CF | 14024 | 0230Z |
| ▪ **Mauritius** | 3B8FQ | 21008 | 1930Z |
| ▪ **Mongolia** | JT1CS | 14030 | 0200Z |
| ▪ **Mongolia** | JT8AA | 20M CW | 0200Z |
| ▪ **Mongolia** | JT1BG | 14194 | 0130Z |
| ▪ **Mongolia** | JT1CD | 20M CW | 0200Z |
| ▪ **Qatar** | A71BK | 14210± | 1500Z |
| ▪ **Qatar** | A71CD | 28650 | 1350Z |
| ▪ **San Andreas** | HKØBKX | 21015± | 2300Z |
| ▪ **Singapore** | 9V1YQ | 14180± | 2330Z |
| ▪ **Singapore** | 9V1JY | 20M CW | 0000Z |
| ▪ **South Shetlands** | HFØPOL | 14005 | 0230Z |
| ▪ **Sri Lanka** | 4S7CF | 14004± | 0045+Z |
| ▪ **Sri Lanka** | 4S7WP | 14010± | 0045+Z |
| ▪ **Tadzhikistan** | UJ8JI | 7004 | 1245Z |
| ▪ **Taiwan** | BV2DA | 28010 | 2345Z |
| ▪ **Taiwan** | BV2DA | 7002 | 1215Z |
| ▪ **Turkey** | TA5L | 28660 | 1230Z |
| ▪ **Turkey** | TA3PB | 28500± | 1300Z |
| ▪ **Turkey** | TA2KT | 3504 | 0345Z |
| ▪ **Turkmenistan** | UH8YWA | 14020± | 0000Z |
| ▪ **Turkmenistan** | UH8EA | 3501 | 0200Z |
| ▪ **Zone 29** | VK6HD | 3502 | 2100Z |